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PTO/SB/82 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035

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## REVOCATION OF POWER OF ATTORNEY WITH NEW POWER OF ATTORNEY AND CHANGE OF CORRESPONDENCE ADDRESS

Application Number	10/088,079
Filing Date	09/21/2000
First Named Inventor	Jitao T. Zou
Art Unit	
Examiner Name	
Attorney Docket Number	3015-9999US

I hereby revoke all previous powers of attorney given in the above-identified application.

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners associated with the Customer Number:

24247

☒ Please change the correspondence address for the above-identified application to:

☒ The address associated with Customer Number:

24247

OR

<input type="checkbox"/> Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone			Email		

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)

### SIGNATURE of Applicant or Assignee of Record

Signature			
Name	National Research Council of Canada - Pat Mortimer - Secretary General		
Date	6 Sept 2005	Telephone	

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.36. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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PTO/SB/122 (10-00)

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**CHANGE OF  
CORRESPONDENCE ADDRESS  
Application**

Address to:  
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Alexandria, VA 22313-1450

Application Number	10/088,079
Filing Date	09/21/2000
First Named Inventor	Jitao T. Zou
Group Art Unit	
Examiner Name	
Attorney Docket Number	3015-9999US

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I am the :



Applicant.



Assignee of record of the entire interest.  
Certificate under 37 CFR 3.73(b) is enclosed.



Attorney or agent of record.



Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number \_\_\_\_\_

Typed or

Printed Name National Research Council of Canada - Pat Mortimer -Secretary General

Signature

Date

6 Sept 2005

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ \*Total of 1 forms are submitted.

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**STATEMENT UNDER 37 CFR 3.73(b)**

Attorney Docket Number: 3015-6889US

Applicant/Patent Owner: \_\_\_\_\_

Application No./Patent No.: 10/088,079 Filed/Issue Date: 09/21/2000

Entitled: Transgenic Manipulation of SN-Glycerol-3-Phosphohate....

National Research Council of Canada, a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel 013311, Frame 0827, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

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The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

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☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

**[NOTE:** A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

6 Sept 2005  
Date

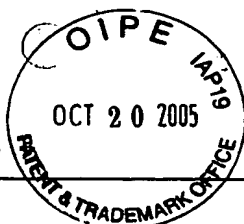
[Signature]  
Signature

Pat Mortimer

Typed or printed name

Secretary General

Title



DECEMBER 23, 2002

PTAS

KIRBY EADES GALE, ET AL.  
EDWIN J. GALE  
BOX 3432, STATION D  
OTTAWA, ONTARIO, CAX K1P 6N9

Under Secretary of Commerce For Intellectual Property and  
Director of the United States Patent and Trademark Office  
Washington, DC 20231  
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\*102232097A\*

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PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/19/2002

REEL/FRAME: 013311/0827  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ZOU, JITAO

DOC DATE: 04/24/2002

ASSIGNOR:

WEI, YANGDOU

DOC DATE: 04/25/2002

ASSIGNOR:

PERIAPPURAM, CYRIL

DOC DATE: 04/26/2002

ASSIGNOR:

SELVARAJ, GOPALAN

DOC DATE: 04/24/2002

ASSIGNOR:

DATLA, RAJU

DOC DATE: 04/24/2002

ASSIGNEE:

NATIONAL RESEARCH COUNCIL OF  
CANADA  
1200 MONTREAL ROAD  
OTTAWA, ONTARIO, CANADA K1A 0R6

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013311/0827 PAGE 2

SERIAL NUMBER: 10088079  
PATENT NUMBER:

FILING DATE: 07/19/2002  
ISSUE DATE:

ANTIONE ROYALL, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



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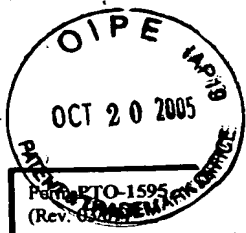
2003 JAN 10 A 8:23

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09-25-2002



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12 JUL 2002

Patent Form 1595  
(Rev. 06/01)  
OMB No. 0651-0027 (exp. 5/31/2002)  
Tab settings  $\Rightarrow \Rightarrow \Rightarrow$

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U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

ZOU, Jitao  
WEI, Yangdou  
PERIAPPURAM, Cyril  
SELVARAJ, Gopalan

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: NATIONAL RESEARCH COUNCIL OF CANADA

Internal Address: \_\_\_\_\_

Street Address: 1200 MONTREAL ROAD

City: OTTAWA State: ON Zip: K1A 0R6

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: April 24, 25, 26/2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s) 10/088,079

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: EDWIN J. GALE

Internal Address: KIRBY EADES GALE BAKER

BOX 3432, STATION D

Street Address: \_\_\_\_\_

City: OTTAWA State: ON Zip: K1P 6N9

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☒ Enclosed (Credit Card Payment Form)

☐ Authorized to be charged to deposit account

8. Deposit account number:

9. Signature.

EDWIN J. GALE (Reg. No. 28,584)

Name of Person Signing

Signature

JUL 18 2002

Date

Total number of pages including cover sheet, attachments, and documents: 3

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45419  
U.S. ASSIGNMENT  
NEW DES/PAT APPLICATION  
INDIVIDUAL(S) TO CO/IND

I/WE, Jitao ZOU of 1619 Acadia Drive, Saskatoon, Saskatchewan S7H 5K7, CANADA;  
Yangdou WEI of 1514 Main Street, Apt. 8, Saskatoon, Saskatchewan S7J 4C3, CANADA;  
Apt # 2, 2504 Stange Road, Ames, Iowa, 50010, USA  
Cyril PERIAPPURAM of 101-536 4<sup>th</sup> Avenue North, Saskatoon, Saskatchewan S7K 2M7,  
CANADA; Gopalan SELVARAJ of 540 Nesslin Crescent, Saskatoon, Saskatchewan S7J 4V5,  
CANADA and Raju DATLA of 422 Tennant Way, Saskatoon, Saskatchewan S7H 5C4,  
CANADA

*(name and address of assignor(s))*

in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, do hereby sell and assign to:

NATIONAL RESEARCH COUNCIL OF CANADA of 1200 Montreal Road,  
Ottawa, Ontario K1A 0R6, CANADA

*(name and address of assignee)*


hereinafter called the assignee, the entire right, title and interest in and to the invention entitled  
**TRANSGENIC MANIPULATION OF SN-GLYCEROL-3-PHOSPHATE AND GLYCEROL  
PRODUCTION WITH A FEEDBACK DEFECTIVE GLYCEROL-3-PHOSPHATE  
DEHYDROGENASE GENE**

as disclosed in the United States patent application executed concurrently herewith, and in and to said United States patent application, and in and to any division, continuation or continuation-in-part of said application, and in and to any and all Letters Patent and reissues and extensions thereof, in and for the United States, Canada, and all other countries, the same to be held and enjoyed by the said assignee, its successors, assigns, or legal representatives to the full ends of the terms for which all Letters Patent therefor may be granted, as fully and entirely as the same would have been held and enjoyed by me/us if this assignment and sale had not been made.

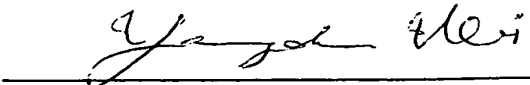
SIGNED at Saskatoon, SK and Ames, Iowa

this \_\_\_\_\_ day of \_\_\_\_\_.

Date : April 24, 2002  
Witness : Charlotte Atua  
Address : 1410 Cumberland Ave S.  
Saskatoon, SK  
S7H 2M1

  
(signature of assignor)  
Jitao ZOU

Date : April 25, 2002  
Witness : Charlotte Atua  
Address : 1410 Cumberland Ave S.  
Saskatoon, SK S7H 2M1

  
(signature of assignor)  
Yangdou WEI

Date : APRIL 26 2002  
Witness : R. G. B. Bruchola  
Address : 3800 Phoebe  
Ames, IA, USA  
50011

Cyril Periappuram  
(signature of assignor)  
Cyril PERIAPPURAM

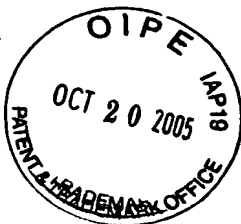
Date : April 24, 2002  
Witness : Charlotte Atua  
Address : 1410 Cumberland Ave S  
Saskatoon, SK  
S7H 2M1

Selvaraj  
(signature of assignor)  
Gopalan SELVARAJ

Date : April 24, 2002  
Witness : Charlotte Atua  
Address : 1410 Cumberland Ave S  
Saskatoon, SK  
S7H 2M1

Raju Datla  
(signature of assignor)  
Raju DATLA





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# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 40.00

## Complete if Known

Application Number 10/088,079  
Filing Date March 21, 2002  
First Named Inventor ZOU, Jitao et al.  
Examiner Name  
Group Art Unit  
Attorney Docket No. 45419

## METHOD OF PAYMENT (check all that apply)

☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number  
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☐ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 740	201 370	Utility filing fee	
106 330	206 165	Design filing fee	
107 510	207 255	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	

SUBTOTAL (1) (\$) 0.00

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims Fee from below Fee Paid  
Total Claims Independent Claims Multiple Dependent  
-20\*\* = X =  
-3\*\* = X =

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 84	202 42	Independent claims in excess of 3
104 280	204 140	Multiple dependent claim, if not paid
109 84	209 42	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$) 0.00

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 400	216 200	Extension for reply within second month	
117 920	217 460	Extension for reply within third month	
118 1,440	218 720	Extension for reply within fourth month	
128 1,960	228 980	Extension for reply within fifth month	
119 320	219 160	Notice of Appeal	
120 320	220 160	Filing a brief in support of an appeal	
121 280	221 140	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,280	241 640	Petition to revive - unintentional	
142 1,280	242 640	Utility issue fee (or reissue)	
143 460	243 230	Design issue fee	
144 620	244 310	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Processing fee under 37 CFR 1.17(q)	
126 180	126 180	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	40.00
146 740	246 370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740	249 370	For each additional invention to be examined (37 CFR § 1.129(b))	
179 740	279 370	Request for Continued Examination (RCE)	
169 900	169 900	Request for expedited examination of a design application	

Other fee (specify)

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 40.00

## SUBMITTED BY

Name (Print/Type) Edwin J. GALE Registration No. (Attorney/Agent) 28,584 Telephone (613) 237-6900  
Signature Date JUL 18 2002

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